ABSTRACT

A method for identifying objects including fixing tags to respective objects, each such tag comprising at least one optical emitter. The at least one optical emitter on each of the tags is driven to emit optical radiation of a respective color, selected from among the first plurality of colors emittable by the tags, during a respective time slot, selected from among a second plurality of time slots during which the tags may emit the optical radiation. A camera captures sequence of electronic images of an area containing the objects to which the tags are fixed. The electronic images in the sequence are processed in order to identify, responsively to the colors of the optical radiation emitted by the tags and the time slots in which the optical radiation is emitted, the objects to which the tags are fixed.

Abstract